

NWS CHANGE FORM PART A			1. DATE SUBMITTED 20 March 2000 Received 4 May 2000
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).			
2. ORIGINATOR OFFICE APO	3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/AWO1	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Chuck Piercy Code:: W/APO1 Phone::301-713-1570x124	5. ORIGINATOR TRACKING NUMBER P426_APO_A100063
6. SYSTEMS AFFECTED BY CHANGE <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____ </div> <div style="text-align: right;"> <input checked="" type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) </div> </div>			7. WSH TRACKING NUMBER NWS 587 Rev A. 5/4/00
8. TITLE OF CHANGE Central (NCF) Collection of Radar data (Revised to reflect Central data collection only, Central data distribution to be handled separately)			
9. TYPE OF CHANGE <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY </div>		10. SITES AFFECTED (Attach Part B, Page 2, if needed) All sites	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) This patch will support the Operational Demo for the Central Radar Server (CRS) which will replace NIDS. The patch will increase the number of products that are collected from each radar from 6 to approximately 30 products per volume scan.			
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Replace two executables and several configuration files. A printout of a draft APO generated install script is attached .			
13. ALTERNATE SOLUTIONS None			
14. REQUIRED CHANGE DATE Begin 5/15/00	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) To support Operational Demo of Central Radar Server in preparation for the post-NIDS operational environment. URGENT Priority		
CCB/PMC/CMB DECISION			
16. DECISION AUTHORITY LEVEL	<input checked="" type="checkbox"/> CCB LEVEL ONLY <input type="checkbox"/> Fast Track <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED		
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED	SIGNATURE	
		DATE SIGNED	
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED			
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	SIGNATURE	
		DATE SIGNED	

NWS CHANGE FORM

PART A - DATA PRODUCTS SUPPLEMENT

2. WSH TRACKING NUMBER

NWS 587

This change will result in the central collection of about 25 new radar from all radars in all modes of operation. All needed WMO headings have already been assigned.

NWWS ONLY

[illegible]

15. COMMS ID	16. N. LATITUDE	17. W. LONGITUDE	18. ELEV
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A. CHANGE NOTICE	B. EFFECTIVE DATE	C. ISSUE DATE
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TE	C. ISSUE DATE
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NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER P426_APO_A100063	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 587	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs) 2 staff months associated with R4.3.3.			AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) 5 staff days associated with R4.3.3			AMOUNT
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)			AMOUNT
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) AWIPS WAN upgrade funded by FY-00 budget initiative			AMOUNT
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs)			AMOUNT
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits)			AMOUNT
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E)		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.)	
12. IMPLEMENTATION/RETROFIT SCHEDULE		13. FACILITY INFORMATION (Attach facility drawings/plans.)	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.)		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each)		17. COORDINATION OF CHANGE WITH OTHER CHANGES	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.)		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.)	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.)		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.)	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) - Developmental testing on NHDA and NMTW. Formal testing of R4 .3.3/r5.0 co.deat PRC. Testing to be done at alpha site also. - Must be installed at approximately 35 sites where the CAM patch is installed. - Operational Demo during June 2000 - The patch must be installed at all sites by 6/05/00.			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT							1. ORIGINATOR TRACKING NUMBER P426_APO_A100063		
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)							2. WSH TRACKING NUMBER NWS 587		
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIER	B. REV
AWIPS Software	4.2.6/ 4.3.1								
						SSDD			
						SwDD			
						User's Guide			
						SMM			

NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER P426_APO_A100063	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER <div style="background-color: #cccccc; padding: 5px; text-align: center; font-weight: bold;">NWS 587</div>	
3. CCB COST EVALUATION			
NWS COST \$	FAA COST \$	DOD COST \$	OTHER AGENCY COST \$ (SPECIFY)_____
TOTAL COST \$			
4. IMPLEMENTATION DOCUMENTS REQUIRED			
<input checked="" type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes <input type="checkbox"/> Other Document (Specify)_____			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED		6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE
1. Coordinate implementation schedule with AWIPS sites through SST 2. SST posts the patch on the NOAA1 server and notifies the sites 3. APO, FSL, and OM Engineers monitor the system at AWIPS sites with the sites assistance 4. Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this RC number (NWS 587) in Block 17a of the EMRS report. 5. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes		12 May 00 20 May 00 30 June 00 30 June 00 15 August 00	Thigpen/SST, W/APO3 Thigpen/SST, W/APO3 Piercy/R.Radlein APO/OM ESA at each Site Michelle deTommaso W/OSO113
8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION			